



NITFS Compliance Registration



Product: **Controlled Image Base (CIB) Production System Version 1.0**

Supplier: **Raytheon**

Developer: **Raytheon/Orbimage**

Date: **29 January 2002**

Expiration: **28 January 2004**

Registration #: **335**

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Product
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Format

NITF

☐ v2.1

☒ v2.0

☐ v1.1

NSIF

☐ v1.0

Image Segment Types

☒ MONO

☐ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODSPY

☐ POLAR

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☒ Registered Extensions **

Tagged Record Extensions

☒ CRF Extensions

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Image Compression

☐ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☒ Vector Quantization

☐ Multispectral JPEG, Individual Band

Annotation Segment Types

☐ Bit Mapped **

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☐ STA

☐ UT1

☐ U8S

☐ MTF

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

Configurations Tested:

- SGI IRIX 6.4

Steve E. Bridges

STEVE E. BRIDGES, Division Chief

Joint Interoperability Test Command

Executive Agent to National Imagery & Mapping Agency

for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.